



# Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

5 September 2001

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch

Last Bulletin: 4 September 2001

## Analysis

By Sep 3, the bloom had moved northward, particularly spreading northward up the coast. Chlorophyll from 5 to > 10 ug/L are now found to 27°18'N (Sarasota area). A larger patch extending over 5 miles offshore is found in the Sarasota area. The more intense bloom is within a mile of the coast in the Venice area. These chlorophyll concentrations can correspond to medium to high concentrations of *Karenia brevis*.

Conditions are favorable for continued northward movement as a unit.

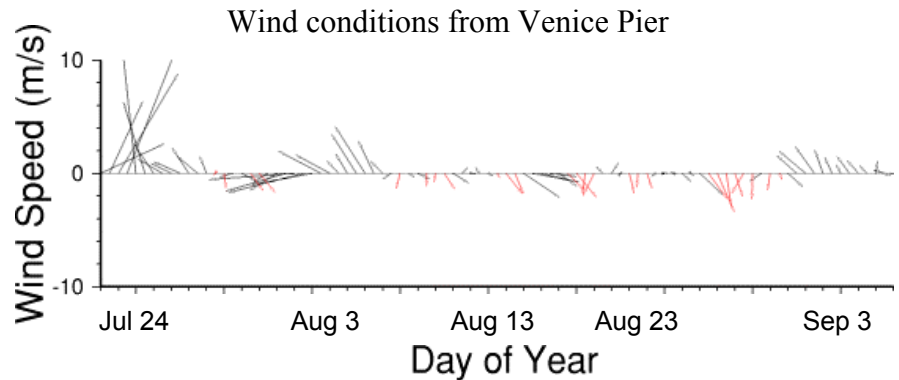
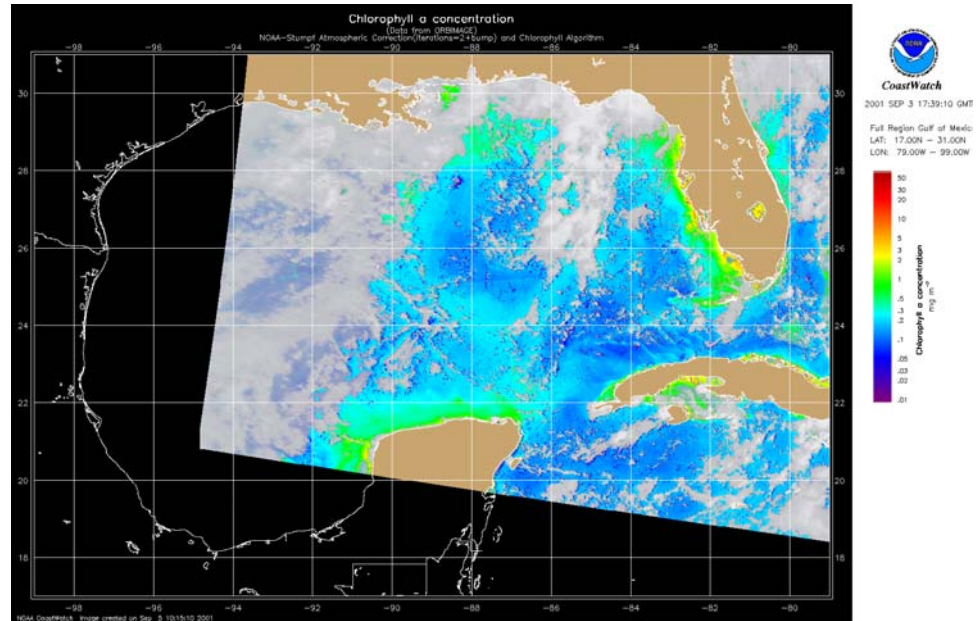
Chlorophylls up to 20 ug/L have been detected in isolated spots by satellite in the bloom.

Texas: much cloud cover. Nothing is evident in the non-cloudy areas on Sep 4.

-Stumpf

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Wind speed and direction are averaged over twelve hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red vectors indicate that wind direction favors upwelling near the coast.